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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 30, 2003.

Angela M. Beddawi

Appl No.

: 09/433,730

Confirmation No. 2909

Applicant

: Steven T. Jaffe, et al.

Filed

: November 3, 1999

Title

: DUAL MODE QAM/VSB RECEIVER

RECEIVED

TC/A.U. Examiner : 2634

: Young Toi Tse

NOV 0 5 2003

Docket No.

: 33754/LTR/B600

Customer No.: 23363

Technology Center 2600

RESPONSE TO OFFICE ACTION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Post Office Box 7068 Pasadena, CA 91109-7068

October 30, 2003

Commissioner:

In response to the Office action of July 30, 2003, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 30, 2003.

Angela M. Beddawi

Applicant

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Grp./Div.

: 2634

Examiner

: Young Toi Tse

Docket No.

: 33754/LTR/B600

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

PostOffice Box 7068

Pasadena, CA 91109-7068

October 30, 2003

Commissioner:

Enclosed is an amendment to the above-identified application.

| | Claims Remaining After Amendment | Highest Number Paid For | Number Extra Claims | Small Entity Rate | Large Entity Rate | FEE |
|------------------------------------|---|-------------------------------|---------------------------|----------------------|----------------------|-----|
| Total Claims Fee | 16 | *104 | 0 | 0 x \$9.00 | 0 x \$18.00 | C |
| Independent Claims | 2 | ** 17 | 0 | 0 x \$43.00 | 0 x \$86.00 | C |
| Multiple Dependent Claims *** | | | | \$145.00 | \$290.00 | 0 |
| TOTAL FILING FEE | | | | | | 0 |
| NO ADDITIONAL FEE REQUIRED **** | IF NO FEE REQUIRED, INSERT "0" | | | | | C |

Attached is our check for \$ to pay the fees calculated above.

*** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME

** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3

*** IF NO FEE REQUIRED, ADDRÉSS ENVELOPE TO "BOX NON-FEE AMENDMENTS"

A Petition for Extension of Time and the required fee are enclosed.

Other enclosures:

Amendment Transmittal Letter Application No. 09/433,730

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. A copy of this letter is enclosed.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

Ву

LeRoy T. Rahn Reg. No. 20,356 626/795-9900

LTR/amb

AMB PAS534224.1-*-10/30/03 2:37 PM



United States Patent and Trademark Office

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, DC 2023

Paper No.

Notice of Non-Compliant Amendment (37 CFR 1.121)

| CFR 1.1 complian | 21, as an nt, correc nt conta | document filed on 1.3.03 is considered non-compliant because it has failed to meet the requirements of 37 mended on June 30, 2003 (see 68 Fed. Reg. 38611, Jun. 30, 2003). In order for the amendment document to be stion of the following omission(s) or provision is required. Only the section (1.121(h)) of the amendment ining the omission or non-compliant provision must be resubmitted (in its entirety), e.g., the entire to the claims" section of applicant's amendment document must be re-submitted. | | | | | |
|------------------|-------------------------------------|---|--|--|--|--|--|
| | | NG CHECKED (X) ELEMENTS(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT: | | | | | |
| | _ | . Amendments to the specification: | | | | | |
| | | A. Amended paragraph(s) do not include markings. | | | | | |
| | | B. New paragraph(s) should not be underlined. | | | | | |
| | | C. Other | | | | | |
| | 2. Abstr | 2. Abstract: | | | | | |
| | | A. Not presented on a separate sheet. 37 CFR 1.72. | | | | | |
| | | B. Other | | | | | |
| | 3. Amer | adments to the drawings: | | | | | |
| ₹ | 4. Amendments to the claims: | | | | | | |
| | | A. A complete listing of <u>all</u> of the claims is not present. | | | | | |
| | | B. The listing of claims does not include the text of all claims (incl. withdrawn claims) | | | | | |
| | | C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. | | | | | |
| | | D. The claims of this amendment paper have not been presented in ascending numerical order. | | | | | |
| | X I- | E. Other: Claim 105 is canceled | | | | | |
| For furtl | her expla vw.uspto.g | nation of the amendment format required by 37 CFR 1.121, see MPEP Sec. 714 and the USPTO website at sov/web/offices/pac/dapp/opla/preognotice/officeflyer.pdf. | | | | | |

If the non-compliant amendment is a PRELIMINARY AMENDMENT, applicant is given ONE MONTH from the mail date of this letter to supply the corrected section which complies with 37 CFR 1.121. Failure to comply with 37 CFR 1.121 will result in non-entry of the preliminary amendment and examination on the merits will commence without consideration of the proposed changes in the preliminary amendment(s). This notice is not an action under 35 U.S.C. 132, and this ONE MONTH time limit is not extendable.

If the non-compliant amendment is a reply to a NON-FINAL OFFICE ACTION, and since the amendment appears to be a bona fide attempt to be a reply (37 CFR 1.135(c)), applicant is given a TIME PERIOD of ONE MONTH from the mailing of this notice within which to re-submit the corrected section which complies with 37 CFR 1.121 in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD ARE AVAILABLE UNDER 37 CFR 1.136(a).

If the amendment is a reply to a FINAL REJECTION, this form may be an attachment to an Advisory Action. The period for response to a final rejection continues to run from the date set in the final rejection, and is not affected by the non-compliant status of the amendment.

703.306.2939

egal Instruments Examiner (LIE)